

# UK Patent Application (19) GB (11) 2 307 765 (13) A

(43) Date of A Publication 04.06.1997

(21) Application No 9524370.5

(22) Date of Filing 29.11.1995

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(51) INT CL<sup>6</sup>  
G09F 9/33

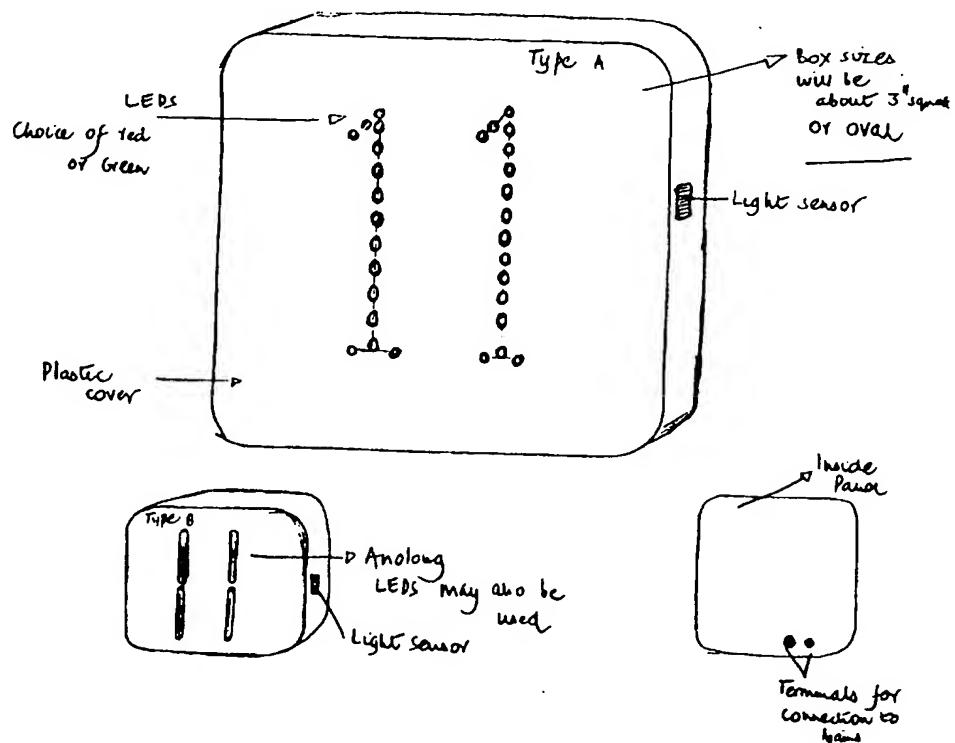
(52) UK CL (Edition O )  
G5C CA361 CHA

(56) Documents Cited  
GB 2264582 A US 5007190 A US 4929936 A  
US 4853593 A

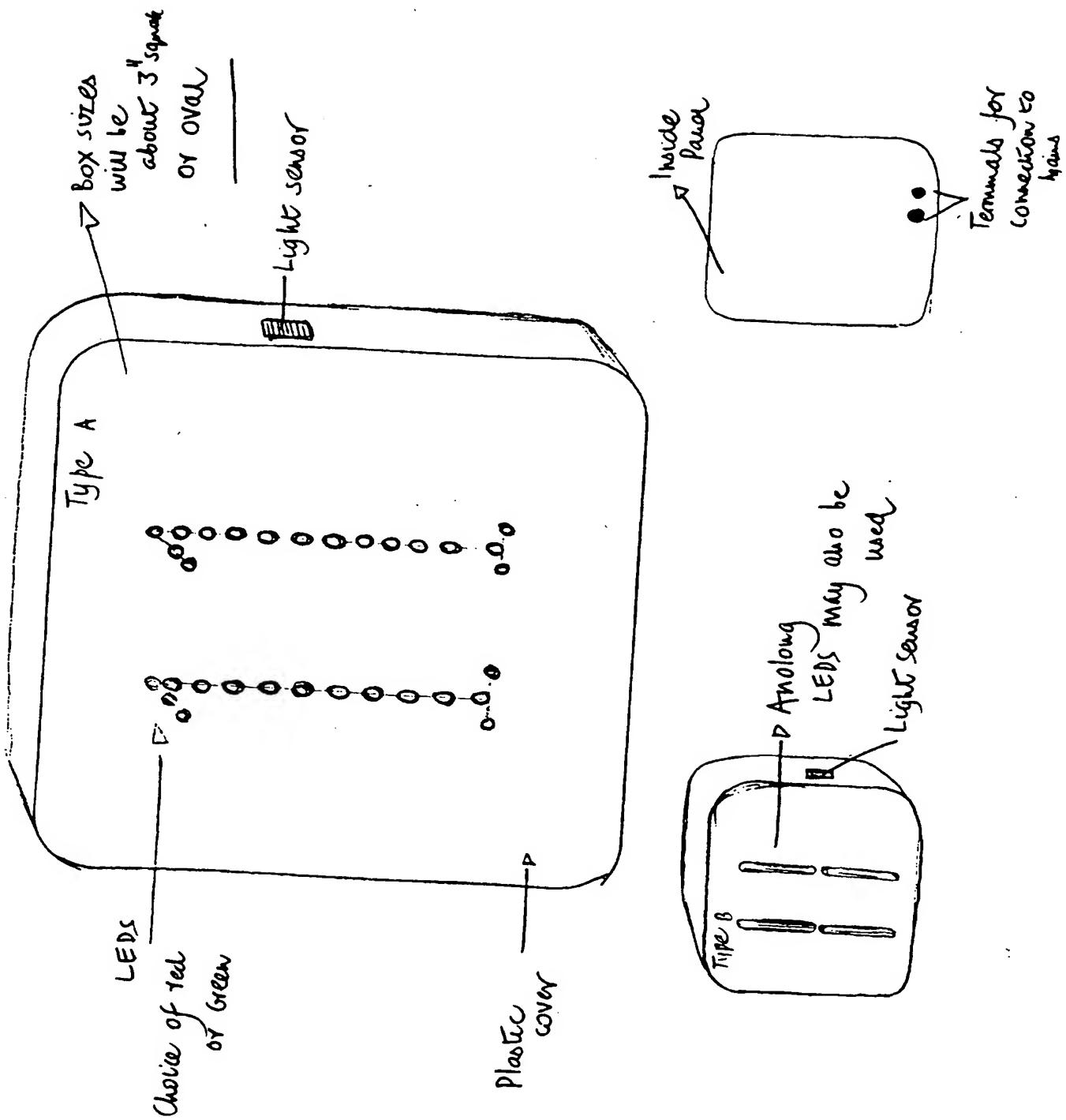
(58) Field of Search  
UK CL (Edition O ) G5C CHA  
INT CL<sup>6</sup> G09F 9/33  
ONLINE: WPI, CLAIMS

## (54) Electronic residential and commercial buildings numbering device

(57) An LED display is used to provide illuminated numbers and may be supplied via the mains or from a door bell circuit.



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ELECTRONIC RESIDENTIAL AND COMMERCIAL BUILDINGS  
NUMBERING DEVICE

As the name implies, this is an electronic device for numbering residential and commercial buildings. It is made of LED's (Light Emitting Diodes) which uses a very low current. The device has a light sensor connected to it.

It can be connected either separately to the electric mains or to a mains connected door bell. The sensor can be adjusted to suit the lighting conditions around the place where it is situated. The sensor lights up the LED's as soon as it is dark and switches off as soon as it is daylight.

The diagram below gives the above details:

The ClaimAn Electronic Residential and Commercial Buildings numbering device

- 1) LED (Light Emitting Diode) device for numbering residential and commercial buildings.
- 2) The device as claimed in 1) above will be made of either red or white LED's. (or Green  
Analog LED's  
as diagram B)
- 3) The claim in 2) will be connected as such that when lit, will display a number or numbers as purchased.
- 4) The LED's in 3) above will be mounted on a printed circuit and will be encased in plastic. The case will be such that no water or moisture is able to enter the case
- 5) The plastic case in 4) will be such that one of the sides will have a light sensor connected which will automatically switch the device on and off as soon as it is dark and light respectively.
- 6) The device is as per the accompanying diagrams on Page (2).



The  
Patent  
Office  
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Application No: GB 9524370.5  
Claims searched: 1-6

Examiner: John Cockitt  
Date of search: 21 February 1997

**Patents Act 1977**  
**Search Report under Section 17**

**Databases searched:**

UK Patent Office collections, including GB, EP, WO & US patent specifications, in:

UK CI (Ed.O): G5C [CHA]

Int CI (Ed.6): G09F [9/33]

Other: ONLINE: WPI, CLAIMS

**Documents considered to be relevant:**

| Category | Identity of document and relevant passage |   | Relevant to claims |
|----------|---|---|--------------------|
| X        | GB2264582A                                | RUDD - see whole document                                       | 1,3,4 at least     |
| X        | US5007190A                                | SHYU - see whole document                                       | 1,,3,4,5 at least  |
| X        | US4929936A                                | HOME SECURITY - see whole document                              | 1-5 at least       |
| X        | US4853593A                                | SIEMENS - see analogue effect created by light guide structure. | 1,2 at least       |

|   |   |   |  |
|---|---|---|--|
| X | Document indicating lack of novelty or inventive step   | A | Document indicating technological background and/or state of the art.  |
| Y | Document indicating lack of inventive step if combined with one or more other documents of same category. | P | Document published on or after the declared priority date but before the filing date of this invention.          |
| & | Member of the same patent family  | E | Patent document published on or after, but with priority date earlier than, the filing date of this application. |

